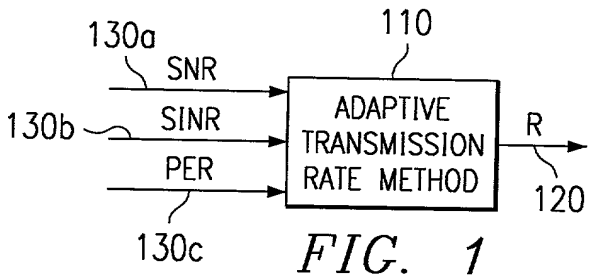


FIG. 1

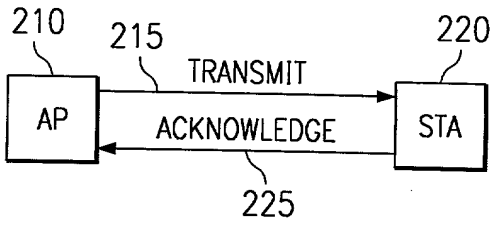


FIG. 2

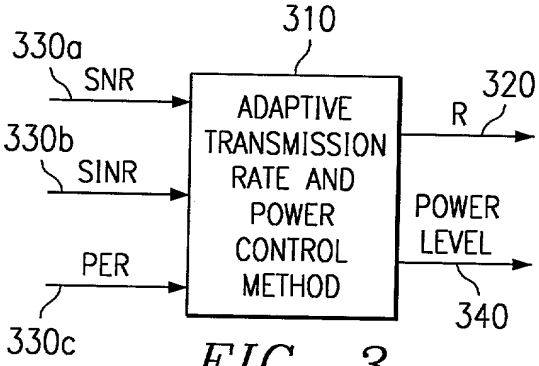


FIG. 3

INDEX	RATE (Mbps)	POWER (mW)
1	1	100
2	2	100
3	5.5	100
4	11	100
5	22	100
6	22	30
7	22	10
8	22	5
9	22	1

FIG. 4

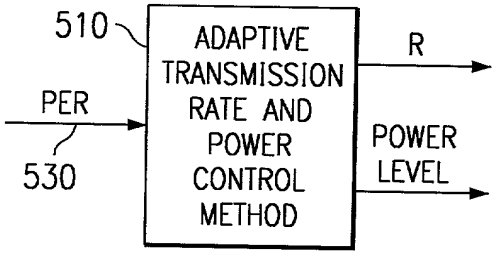


FIG. 5A

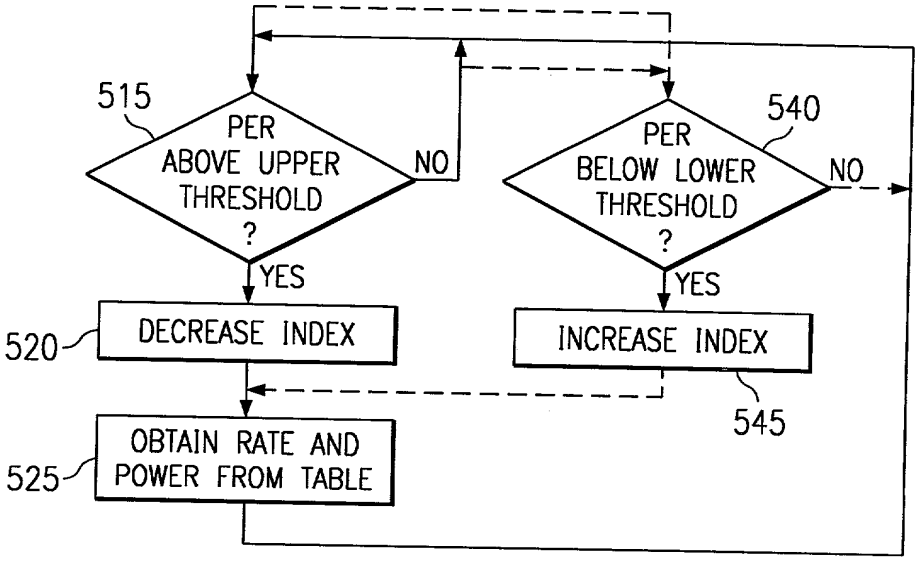


FIG. 5B

FIG. 5C

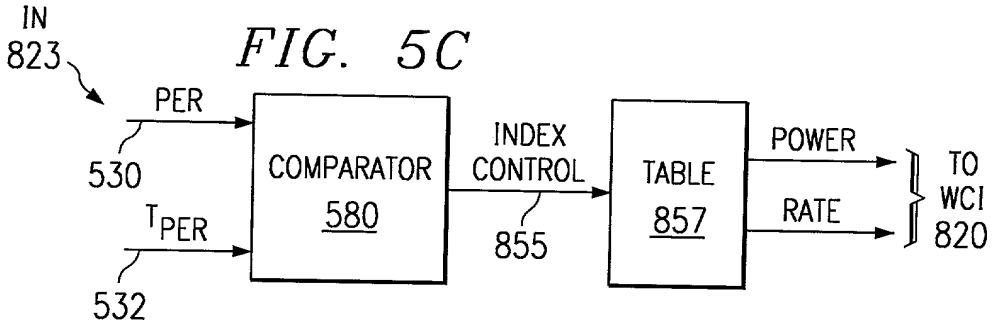


FIG. 6A

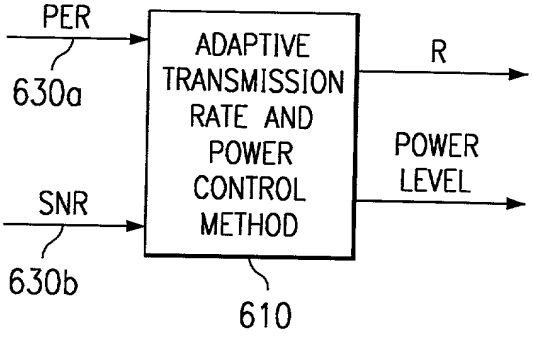
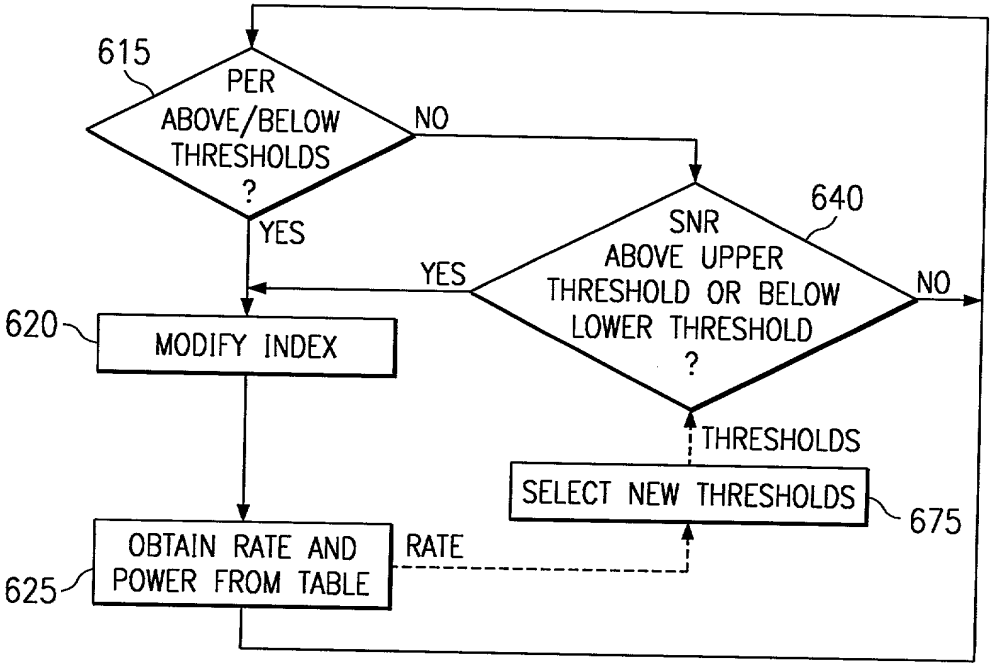


FIG. 6B



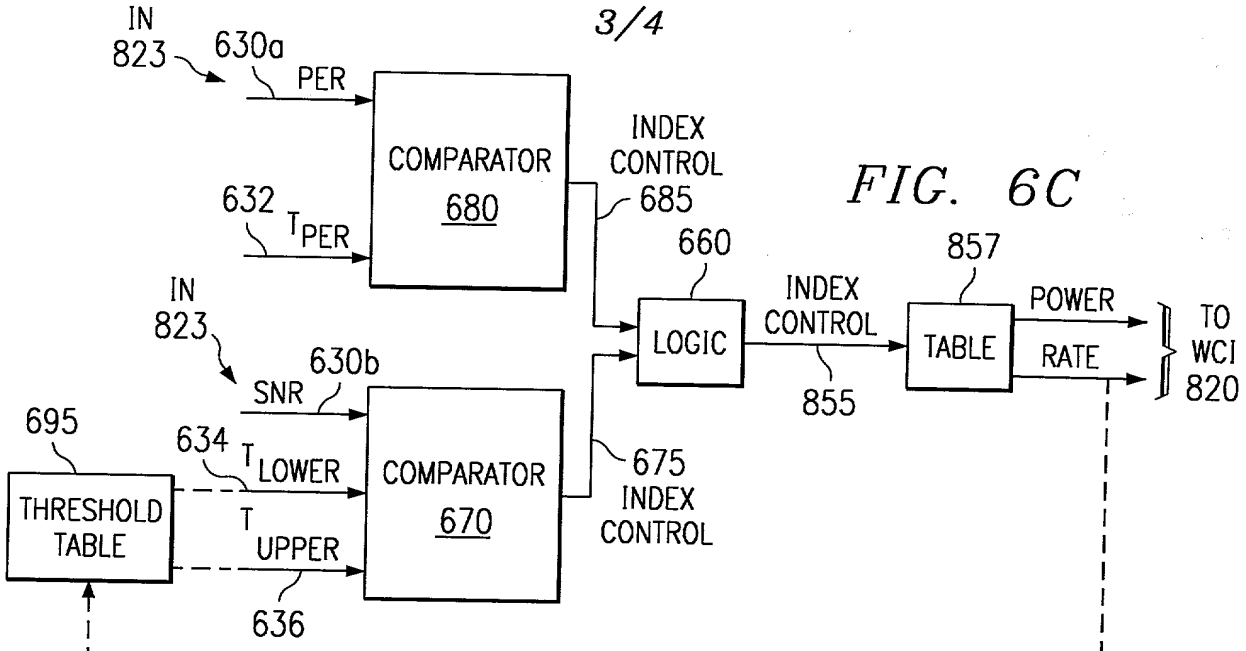


FIG. 6C

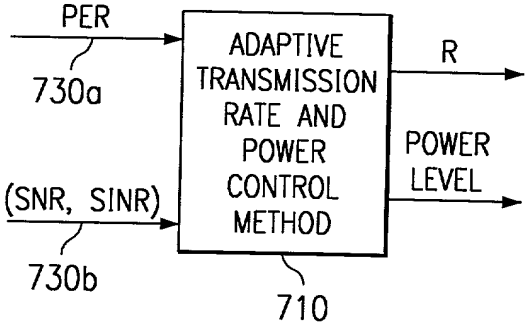
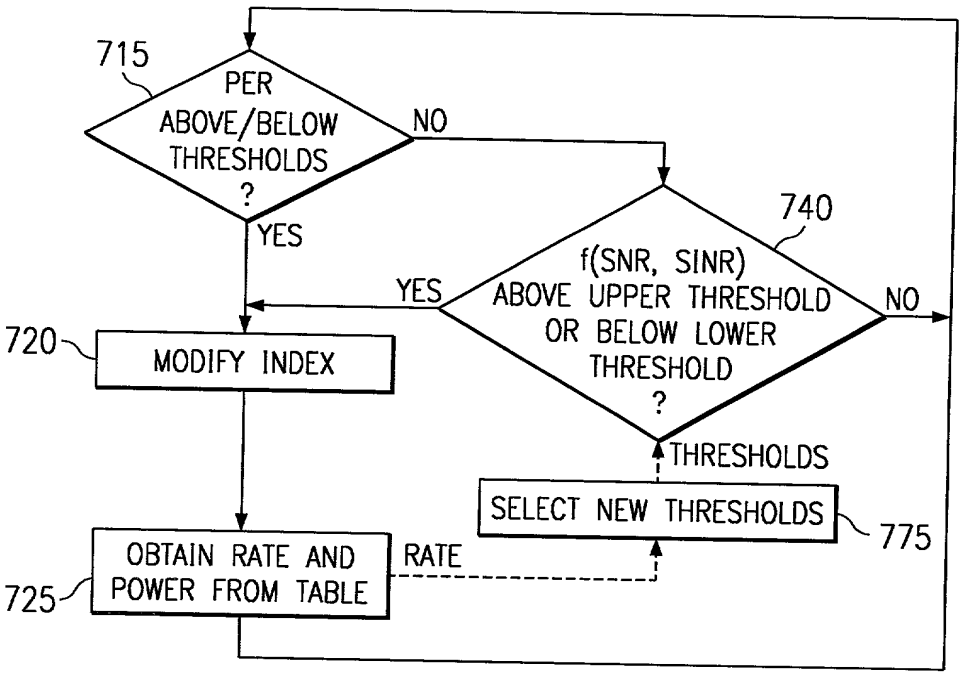


FIG. 7A

FIG. 7B



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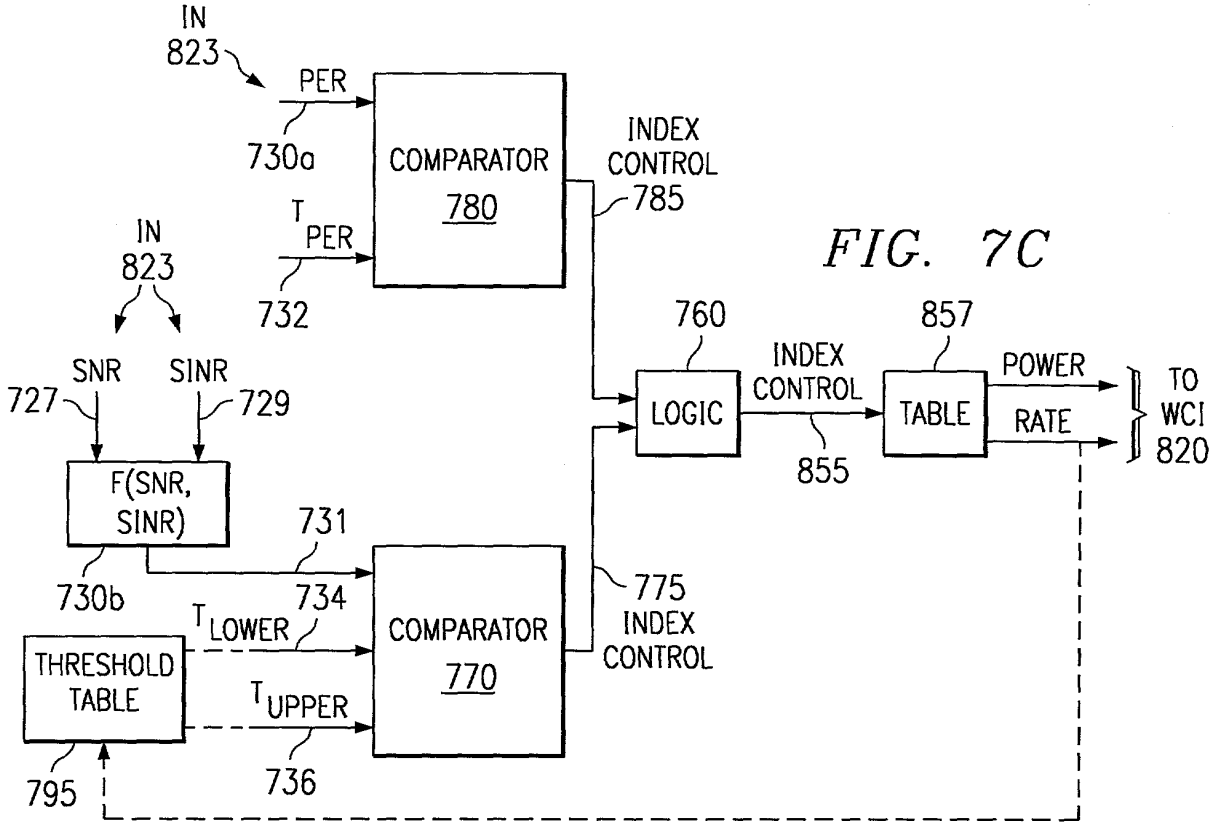
IN
823
PER
730a
COMPARATOR
780
INDEX
CONTROL
785
T
PER
732
IN
823
760
857
SNR
727
SINR
729
LOGIC
INDEX
CONTROL
855
TABLE
POWER
RATE
TO
WCI
820
F(SNR,
SINR)
730b
731
734
775
INDEX
CONTROL
T LOWER
THRESHOLD
TABLE
T UPPER
COMPARATOR
770
795
736

FIG. 7C

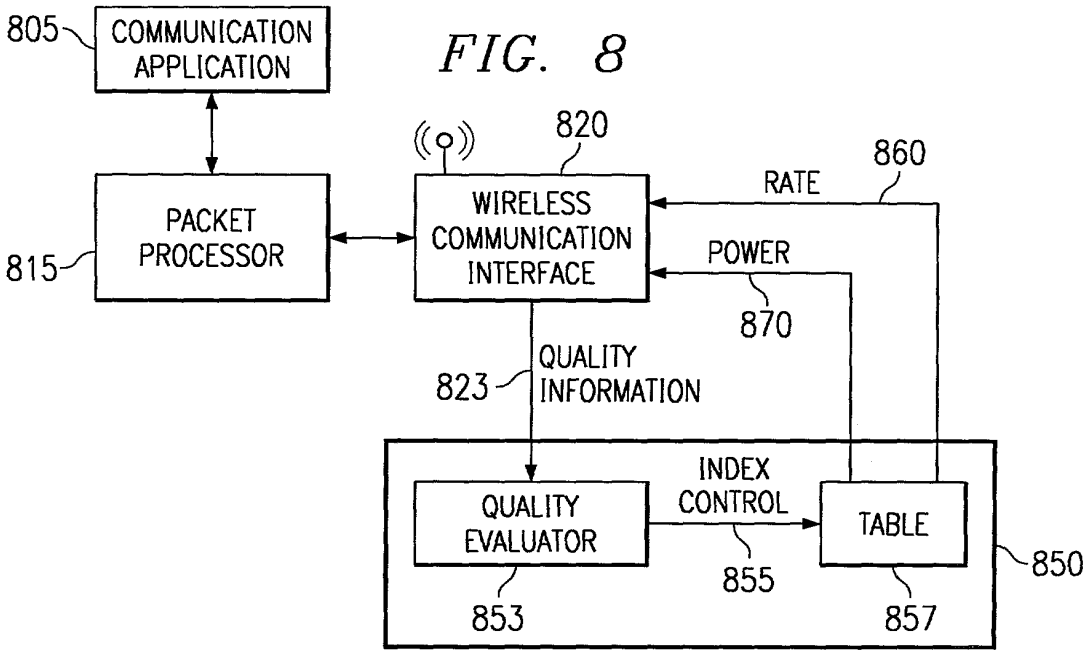
805
COMMUNICATION
APPLICATION
820
860
RATE
PACKET
PROCESSOR
815
WIRELESS
COMMUNICATION
INTERFACE
POWER
870
823
QUALITY
INFORMATION
INDEX
CONTROL
QUALITY
EVALUATOR
TABLE
850
855
853
857

FIG. 8